

DESCRIPTION:

YW-612 series of instruments are mainly used to detect the pH and temperature in the solution. It can be used in industrial production, laboratory measurement, pharmaceutical preparation and food safety.

YW-612 series instrument uses a low-resistance glass sensitive membrane which is easy to react quickly with hydrogen ions in solution. During measurement, the user only needs to immerse the probe in the solution to quickly obtain the pH and temperature of the measured solution. Compared with traditional pH test paper, the digital test results of YW-612 series allow users to easily determine the pH value of the solution.

The YW-612 series has dual-color backlight. Among them, the white backlight can help the user to read clearly in the case of insufficient light, and the red backlight will light up when the pH of the measured solution is lower than 3.5 or higher than 12.5, reminding the user that the solution is close to strong acid or strong alkali, and should be more careful when measuring .

YW-612 series instrument structure design is small and easy to carry. Its replaceable probe design can prolong the service life of the instrument to a certain extent.

FEATURES:

- Double display of pH, temperature
- High sensitive probe
- pH resolution up to 0.01 (YW-612)
- 3 point calibration
- Double color backlight
- Replaceable probe
- Automatic temperature compensation
- Numerical locking (HOLD)
- Optional automatic shutdown

APPLICATION:

- Industrial production
- Laboratory measurements
- Pharmaceutical manufacturing
- Agricultural cultivation
- Aquaculture
- Food safety
- Environmental protection testing



YW-612



YW-612L

NOTICES:

- Please operate the instrument correctly and use it in the environment defined by the technical parameter table.
- Avoid sun exposure.
- Please clean the probe in time after use to avoid electrode bulb contact with dirt.
- Avoid using solutions of unknown pH for calibration.
- Avoid the impact of electrode bubbles with hard objects.
- Avoid contact between electrode bulb and silicone grease.
- If the instrument has not been used for a long time or the probe has replaced, the instrument should be calibrated before measurement to avoid affecting the measurement results.

WARNING:

- Self-disassemble is not allowed!
- No surge with heavy current/static electricity!

SPECIFICATION:

Model	YW-612	YW-612L
Scope of measurement	pH: 0~14; Temperature: 0~60℃	
Precision	pH: ±0.05 Temperature: ±0.5℃	pH: ±0.1 Temperature: ±0.5℃
Resolution	pH: 0.01 Temperature: 0.1℃	pH: 0.1 Temperature: 0.1℃
pH repeatability	±0.03	±0.1
Operating environment	Temperature: 0~60℃; Humidity: ≤85%RH	
Storage environment	Temperature: 0~60℃; Humidity: ≤85%RH	
Unit of temperature	℃, °F	
Protection level	IP66	
Power supply	2 pcs of 1.5V AAA dry cell batteries/2 pcs of 1.2V AAA rechargeable battery	
Dimensions	180*44*44 mm	
Shell material	ABS	
Weight	About 103g (Without batteries)	
Warranty period	12 months	